



## MISSION

- M1: To enable learning in emerging technologies adopting innovative methods.
- M2: To enhance ability, cultivate collaboration to bring change in building students approach towards society.
- M3: To make available platform for harnessing entrepreneurial and leadership qualities.
- M4: To partner continuously with industry to Inculcate practical knowledge.

## VISION

To be a potential quality source of expert computer engineers, addressing the requirements of industry and civic demands at large.

### SRI G. DAYANAND, CHAIRMAN



The “COMPU NET - The Information Hub” newsletter of the department of Computer Science & Engineering is providing great space for the students and faculty to pen down their innovative ideas, imagination and perceptions to showcase creativity. So, I take the opportunity to congratulate the Department of CSE and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.

### SRI G. D. MANOJ, EXECUTIVE DIRECTOR

I am indeed happy to share that the department of Computer Science & Engineering is having its monthly newsletter “COMPU NET - The Information Hub”. I personally urge all faculty members and students of the department to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and interesting facts. I congratulate the team of the Computer Science & Engineering editorial committee.



### PRINCIPAL'S DESK



It gives me immense pleasure to note that, SCE has been publishing bi-annual newsletter and I am sure, this will provide an opportunity for the faculty and students to share their knowledge and beacon the information about various issues and activities that are being taking place in the department. I look forward for more activities and achievements for the department to march towards excellence in the future. I would like to thank all teaching, supporting staff and our beloved students for their active participation in publishing this magazine. My special compliments and congratulations to the editorial team of the department for their consistent effort in publishing this newsletter.

### DR. M H ANNAIAH, VICE-PRINCIPAL



I am very happy and delighted to know that our college is bringing out the college newsletter. SCE is one of the leading premier engineering colleges in the country offering quality technical education to students thereby enabling them to become globally acceptable engineers in their domains. The newsletter provides a platform for both faculty and students to showcase their achievements and hidden talents. I congratulate our beloved principal and members of editorial board for bringing out this excellent and informative newsletter on time.

### HOD'S DESK



The Computer Science & Engineering Department was established in the year 2001 with an intake of 60 students and the current intake is 120 students. The department established a Research Centre in 2013, affiliated to VTU Belagavi. The department aims to produce engineering graduates with adequate theoretical and practical knowledge in the area of computer science so as to make them capable of design, implementation, development and maintenance of high-quality software products meeting industry standards. I am very proud to express that our department is coming out with a new venture that is a newsletter to share various events and thoughts that have happened.

## AWARENESS OF MS CERTIFICATION ON ML AND AI USING PYTHON

The Seminar on Awareness of MS Certifications on ML and AI using Python by ATS | Learning solutions was organized by Dept of CSE for higher semester students of Sapthagiri College of Engineering, Bangalore on 5<sup>th</sup> January 2022. In this seminar the resource person gave an idea about Microsoft Certifications on machine learning and and Artificial Intelligence using Python

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**Department of COMPUTER SCIENCE & ENGINEERING**  
 Organizing Seminar on  
**"Awareness of MS Certifications on ML and AI using Python"**  
 In Association with  
 Computer Society of India & ATS | Learning Solutions  
 on Wednesday 5<sup>th</sup> January 2022

**Speaker:**  
**Mr. Manish Kumar Singh**  
 Head, Institutional Collaboration

**Time:** 11 AM – 12 Noon  
**Venue:** Seminar Hall

**Chief Patrons:**  
 Sri. G. Dayanand, Chairman, SCE  
 Sri. G. D. Manoj, Executive Director, SCE

**Staff Coordinators:** Prof. Anitha Rao, Assistant Professor, CSE; Prof. Hemalatha K, Assistant Professor, CSE  
**Student Coordinators:** Likith S, 7<sup>th</sup> Sem A Sec, CSE; Drithi, 7<sup>th</sup> Sem B Sec, CSE  
**Convener:** Dr. Kamalakshi Naganna, Prof & Head, CSE  
**Dr. H Ramakrishna**, PRINCIPAL



## ONLINE QUIZ

The Quiz was organized to enhance the knowledge of students in programming and subject concepts which are required for any interviews. It was organized by Dept of CSE for our students of CSE Department, Bangalore on 14<sup>th</sup> January 2022. In this online quiz the questions were based on subjects like C programming, data structures, operating system, machine learning, etc. Students have participated in the quiz and have enhanced their knowledge about the differences.

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 14/5, Chikkasandra, Hezaraghatta Main Road, Bengaluru-560057, Karnataka, India.

**"Online Quiz"**  
 for  
**Placement Assistance**  
 Organized by  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
 Accredited by NBA

**Date:** - 14/01/2022  
**Time:** 3.00pm – 4.00pm  
**Link:** <https://forms.gle/MpQ38hx4C9e6kphH99>

**About the Department:**  
 Department of "Computer Science and Engineering" was established in the year 2001. The department is offering Bachelor of engineering programme in Computer Science & Engineering with an intake of 120 with excellent infrastructure. The department has well-qualified dedicated Teaching and non-teaching staff with well-equipped Laboratories to fulfill the academic needs of the students. The major goal of the department is to produce highly knowledgeable, competent and resourceful young engineers who can excel in their respective profession


**Faculty Coordinators:** Prof. LATHA A ASSISTANT PROFESSOR, CSE; Prof. PRAKRUTHI C ASSISTANT PROFESSOR, CSE  
**Student Coordinators:** LINIT, DRITHI

**CHIEF PATRONS:**  
 Sri. G. Dayanand, Chairman, SCE  
 Sri. G. D. Manoj, Executive Director, SCE  
 Dr. H Ramakrishna, Principal  
 Dr. Kamalakshi Naganna, HOD, CSE


Participants list


| Name                   | Name                  | Name                   | Name                   |
|------------------------|-----------------------|------------------------|------------------------|
| Anitha                 | Aishwarya S           | Deepthi S              | Ujwal Gowda. V         |
| Kirankumar hm          | S vinodkumar          | Nagaraju k             | Soundarya              |
| Yashaswini M Kotegar   | Nidhi N Sattigeri     | Deepthi S              | Preettha S Jois        |
| A.Y Gunarachana        | Vishal R              | Nidhi N Sattigeri      | Vipin KS               |
| Vidhyakrishna          | Harshitha.J           | H N Nithyasree         | Devadutta B R          |
| Madhuri M K            | Vidish gupta          | SANCHITHA.K            | Divya B S              |
| Apoorva A              | Keshav Chandra Ray    | Chethana R kariger     | Kavya P                |
| Utkarsh Gaurav         | Praneet V K           | Yashaswini N           | H N Nithyasree         |
| Chaitra D              | Manjunath Bharadwaj V | Arohana G              | SANCHITHA.K            |
| CHAITRA                | Aishwarya S           | Bhaskar p              | Chethana R kariger     |
| Bindu L                | S vinodkumar          | SANTHOSH K             | Yashaswini N           |
| Roopa U                | Akshay Kumar Joshi    | N. PanduRange Gowd     | Arhona G               |
| Pavan R                | Vishal R              | Suvidha Manjunath Naik | Bhaskar p              |
| Sonal M                | Harshitha.J           | Darshan K S            | SANTHOSH K             |
| Khushi Shekhar T C     | Vidish gupta          | Sangeetha J            | N. PanduRange Gowd     |
| MANASA R               | Keshav Chandra Ray    | HRUTHKARSHA D S        | Suvidha Manjunath Naik |
| UMESH R G              | Praneet V K           | Bhoomika D K           | Darshan K S            |
| Nisarga.S              | NITHEESH B S          | Ujwal Gowda. V         | Sangeetha J            |
| Pooja N M              | Kavya S               | Soundarya              | HRUTHKARSHA D S        |
| M Lakshmi Naveen Reddy | Kajal Dahiya          | Preettha S Jois        | Bhoomika D K           |
| Bhavya Vaishnavi       | Manasa                | Vipin KS               | K N Bhavya             |
| Anusha ML              | Pramod Kumar S J      | Devadutta B R          | Monika A               |
| Shreyasi Patra         | Keerthana S           | Divya B S              | Megha Talekar          |
| Tejaswini M            | Anusha S              | Kavya P                | Kokila N               |
| Sahana Gajanan Naik    | Mandhara B G          | Anusha S               | Akshay Kumar Joshi     |
| Shubhashish Pathak     | Supriya K             | ETUKULAPATI<br>MEGHANA | Nagaraju k             |

## WEBINAR ON DATA ENGINEERING




**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)  
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 (ISO 9001:2015 & ISO 14001:2015 Certified)






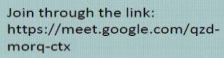
**"Webinar on Data Engineering"**  
in Association with  
 Computer Society of India  
 on Thursday 27<sup>th</sup> January 2022



**Mr. Abhishek Varna**  
Working as a Big Data Engineer at ZS Associates



3:00-4:00 PM



Join through the link:  
<https://meet.google.com/qzd-morq-ctx>

**Sri. G. Dayanand**  
Chairman, SCE

**Staff Coordinators:**  
**Prof. Akshatha Kamath**  
Assistant Professor, CSE  
**Prof. Jayshree Nemade**  
Assistant Professor, CSE  
**Prof. Chaitra**  
Associate Professor, CSE  
**Prof. Madhushree**  
Assistant Professor, CSE

**Chief Patrons:**

**Dr. Kamalakshi Naganna**  
HOD, CSE

**Dr. H Ramakrishna**  
Principal

**Sri. G. D. Manoj**  
Executive Director, SCE

The webinar on Data engineering was organized by Dept of CSE for 3<sup>rd</sup> semester students of Sapthagiri College of Engineering, Bangalore on 27<sup>th</sup> January 2022. In this webinar the resource person Mr. Abhishek Verma (business technology solution consultant, ZS associate) explain about data engineering and also gave an brief idea about how it used in IT industries.

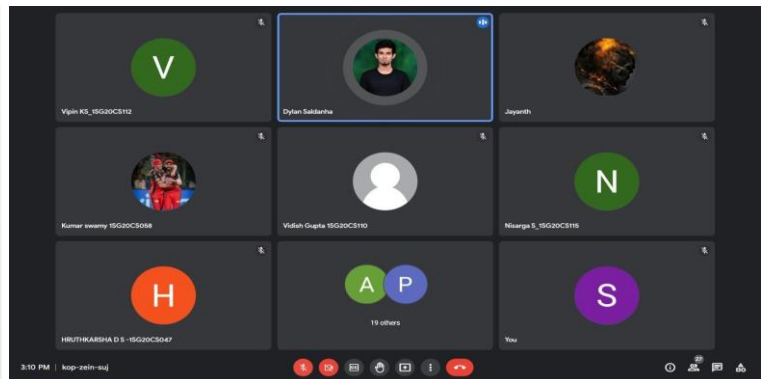
## TEST YOUR C PROGRAMMING SKILLS

| participation List- C Quiz |            |   |
|----------------------------|------------|---|
| Name                       | USN        | Branch                                    |
| Pavan                      | 1sg21ec056 | EC  |
| Arvind                     | 1SG21S15   | IS  |
| Mohith R                   | 1SG21CV015 | Civil                                     |
| Gurulingu R                | Eco25      | Eoe                                       |
| Shreyas SR                 | 1SG21CV025 | Civil                                     |
| Shalini c                  | 1SG21EC064 | Electronics and communication             |
| Sanjana                    | 1SG21EC062 | EC  |
| Sinchana A                 | 1SG21EC067 | Electronics and communication             |
| Samridhhi. V.khandelwal    | 1SG21EC061 | Eoe                                       |
| Sudharsan L                | 1SG21ME018 | Mechanical                                |
| Guruprasad.M               | 1SG21cv008 | Civil                                     |
| Harish kumar MS            | 1SG21EC027 | Electronics and communication             |
| Nikshith Chandru           | 1SG21EC047 | ECE                                       |
| Deepthi M                  | 1SG21BT046 | Biotechnology                             |
| Shrinidhi2303              | 1SG21BT025 | Biotech                                   |
| Bhagath SG                 | 1SG21EC013 | ECE                                       |
| Rajeshwari                 | 1SG21EC102 | Ec  |
| Shashank B A               | 1SG21CV023 | Civil                                     |
| Ruthik US                  | 1SG21EC059 | EC  |
| K G Aiswarya dev           | 1SG21EC034 | ECE                                       |
| Hariprasad M S             | 1SG21EC026 | ECE                                       |
| Meghana G S                | 1SG21EC120 | ECE                                       |
| B S Nandan Kishore         | 1SG21EC011 | Electronics and communication engineering |
| Adithya A Murthy           | 1SG21ME002 | Mechanical                                |
| Bhoomika.R                 | 1SG21EC016 | ECE                                       |
| Manoj Gowda am             | 1SG21EC041 | Eoe                                       |
| Gagan H                    | 1SG21EC023 | ECE                                       |
| Yuvaraj I K                | 1SG21EC108 | ECE                                       |
| Rohit.n                    | 1SG21EC055 | Ec  |
| Srinivasan R               | 1SG21BT028 | Biotechnology                             |
| Janavi R                   | 1SG21BT012 | Biotechnology                             |
| Nikshitha                  | 1SG21BT020 | Biotechnology                             |
| Darshan. P                 | 1SG21BT008 | BIOTECHNOLOGY                             |
| V Vishnu                   | 1SG21EC081 | ECE                                       |
| Hemanth Kumar A R          | 1SG21EC030 | ECE                                       |
| Sreevatsa                  | 1SG21EC070 | ECE                                       |
| Ankith M                   | 1SG21EC008 | ECE                                       |
| G Sai Tilak                | 1SG21EC021 | Electronic and communication              |
| Abhishek S K               | 1SG21EC125 | EC  |
| Bhargavi K.C               | 1SG21EC110 | EC  |
| Abhijith Sai Chinni        | 1SG21EC001 | ECE                                       |
| Himali                     | 1SG21EC031 | ECE                                       |
| Tejaswini S S              | 1SG21EC078 | Electronics and communication             |
| Sinchana. C                | 1SG21EC068 | EC  |
| Thirisha. Bai. D           | 1SG21EC080 | ECE                                       |
| Abhipriya kumar singh      | 1SG21CV030 | Civil                                     |

Department of Computer Science & Engineering conducted E-Quiz for all first sem students. 202 students of different branches participated. 20 Questions were asked in the quiz. Well targeted, tailor-made quizzes can boost self-esteem and confidence. Students can challenge themselves, able to succeed, their confidence can grow. Quizzes help students identify what they know and what they don't know.

## EDUCATE REGARDING INTELLIGENT AUTOMATION

The webinar on Intelligent Automation was organized by Dept of CSE for 3<sup>rd</sup> semester students of Sapthagiri College of Engineering, Bangalore on 25th February 2022. In this webinar the resource person Mr. Dylan Saldanha (Senior Software Engineer LTI) explain about automation and also gave brief idea about how it used in automating the attendance system in education sector .



## MINI PROJECT EXHIBITION

PROJECT EXHIBITION was organized by the Department of Computer science and Engineering, on 8<sup>th</sup> of March 2022. 3<sup>rd</sup> semester students were participants of this exhibition. Major objective of organizing this exhibition was to provide the platform and unleash the potential of the students by showcasing their innovative projects. The outcome of the **PROJECT EXHIBITION** was that students were able to show their project at a higher level and the process boosted their confidence.



## TEST YOUR C PROGRAMMING SKILLS SERIES 02

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14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru-560075, Karnataka, India

**Department Of Computer Science & Engineering**  
[Accredited by NBA]

Welcomes all First semester students to participate in quiz  
"Test Your C Programming Skills Series 2"  
in Association with Computer Society of India

Date: 17-03-2022 at 1.00 to 1.30 pm  
For Registration use the link:  
[https://docs.google.com/forms/d/e/1FAIpQLSDnFmH88ZZN7v7C5D4mht3wjrYDm-Sz0DQ7jDf9jCjsg/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSDnFmH88ZZN7v7C5D4mht3wjrYDm-Sz0DQ7jDf9jCjsg/viewform?usp=pp_url)

Staff Coordinators:  
Prof. Jayshree N  
Assistant Professor, CSE  
Prof. Shwetha  
Assistant Professor, CSE

Sri G Dayanand  
Chairman, SCE

Chief Patrons:  
Sri G.D Manoj,  
Executive Director, SCE

Dr. H Ramakrishna  
Principal

Convener:  
Dr. Kamalakshi Naganna  
Prof & Head, CSE

The Department of Computer Science & Engineering conducted E-Quiz for all first sem students. 202 students of different branches participated. 20 Questions were asked in the quiz. Well targeted, tailor-made quizzes can boost self esteem and confidence. Students can challenge themselves, be able to succeed, and their confidence can grow.

## DBMS MINI PROJECT EXHIBITION

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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(ISO 9001:2015 & ISO 14001:2015 Certified)

**"MINI PROJECT EXHIBITION"** SERVER  
5<sup>th</sup> and 7<sup>th</sup> Semester  
Organized by Department of Computer Science & Engineering  
In Association with CSI

Date: 18-03-2022  
Time: 10:00 am  
Venue: Faraday Block  
(Lab no. 301/302)

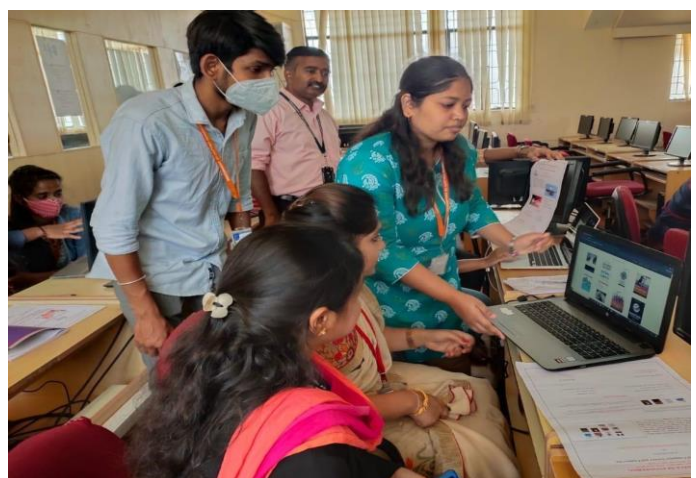
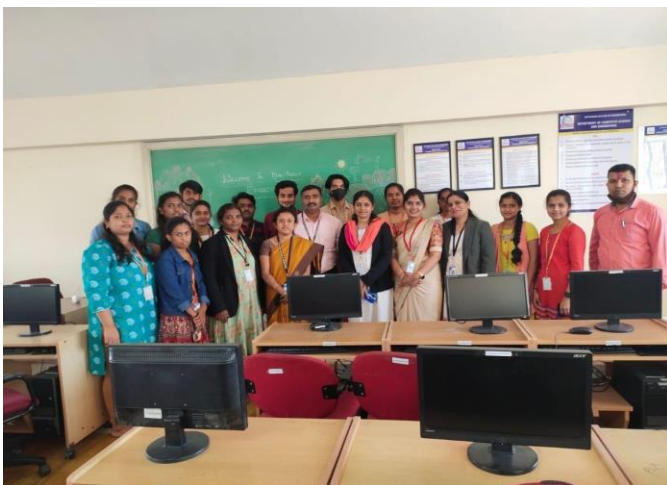
**Chief Patrons**  
Sri. G. Dayanand  
Chairman, SCE  
Sri. G. D. Manoj  
Executive Director, SCE

**CompuNet Info Hub**  

"The intelligent use of Science and Technology are the tools to achieve a new direction."

DESIGN  
WWW  
LINK  
MONEY  
MAIL  
WEB 2.0

PROJECT EXHIBITION was organized by the Department of Computer science and Engineering, on 18<sup>th</sup> of March 2022. 5<sup>th</sup> semester students were participants of this exhibition. Major objective of organizing this exhibition was to provide the platform and unleash the potential of the students by showcasing their innovative projects the outcome of the PROJECT EXHIBITION was that students were able to show their project at higher level and the process boosted their confidence.



## SMART INDIA HACKATHON

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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 ACCREDITED BY NAAC WITH 'A' GRADE

Department of Computer Science & Engineering  
 ACCREDITED BY NBA  
 In association with Computer Society of India (CSI), Student branch.

**MAKE-A-THON 2.0**  
**31.03.2022**

Sponsored By  
**Karunadu Technologies Pvt Ltd Bangalore**

**CHIEF PATRONS**  
 -Sri.G.Dayanand  
 Chairman,SCE  
 -Sri.G.D Manoj  
 Executive Director,SCE

**Faculty Co-ordinators**  
 -Prof Supriya H.S  
 -Prof Jayashree Nemade  
 -Prof Hemalatha k

**Student coordinators**  
 -Ritik Raj  
 -Subhreet Singh  
 -Aishwarya Singh

**•Dr. H Ramakrishna**  
 Principal,SCE

**•Dr.Kamalakshi Naganna**  
 HOD,CSE

Scan for more Details and to Register



SIH is the World's Biggest Hackathon and Open Innovation model. Smart India Hackathon 2020 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives. Students across India compete creatively to solve problems of Ministries, Departments and Industries to give solutions Harness.

## MEAN STACK TECHNOLOGY

Alumni talk was conducted for the benefits of enhancing and improving the knowledge of Mean Stack technology with industry perspective for the 6<sup>TH</sup> Semester Students of Department of Computer Science and Engineering, Saphthagiri College of Engineering, Bangalore on 23<sup>rd</sup> APRIL 2022. The following topics were discussed in the sessions:-About Mean Stack Technology, Four Key Technologies that make up the layers of stack MongoDB, ExpressJS, AngularJS, and Node.JS.

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 14/5, Chikkasandra, Hebbalpet Main Road, Bangalore-560057)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
 ACCREDITED BY NBA

**ALUMNI TALK ON**  
**"INTRODUCTION TO MEAN STACK DEVELOPMENT"**  
 In Association with  
**COMPUTER SOCIETY OF INDIA STUDENT BRANCH**  
 ON SATURDAY 23<sup>RD</sup> APRIL 2022

Resource Person:  
**Mr. Deepak N**  
 Associate Technologist, ELAIT

11.30 AM to 12.30 PM at ALH 108

**CHIEF PATRONS**  
 Sri. G. Dayanand  
 Chairman, SCE  
 Sri. G. D. Manoj  
 Executive Director,  
 SCE

**STAFF COORDINATORS**  
 Prof Shobha K  
 Assistant Professor  
 Prof Anitha Rao  
 Assistant Professor

**Convener**  
 Dr. Kamalakshi Naganna  
 Prof & Head, CSE  
 Dr. Ramakrishna  
 PRINCIPAL



# INTRODUCTION TO INNOVATION AND DESIGN THINKING

Online webinar was conducted for the benefits of enhancing and improving the knowledge of Innovative and design thinking in daily life with industry perspective for all the Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 30th April 2022. The following topics were discussed in the sessions :- **Choose a strategic topic to focus on and learn about.** Design thinking starts with an end goal, a desired future, and approaches to how you can make it happen.

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 An ISO 9001:2015 & ISO 14001:2015 Certified Institution  
 #14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-57

**Department of Computer Science & Engineering**  
 Accredited by NBA

**In association with**  
 Institution's Innovation Council &  
 Computer Society of India

**Is Organizing webinar on**  
**Introduction to Innovative and design thinking**

**Resource Person:**  
**Dr. Parkavi A**  
 Associate Professor, Dept of CS&E  
 Ramaiah Institute of Technology

**On Friday, 29-04-2022**  
**Time: 11:30 am-12:30 pm**

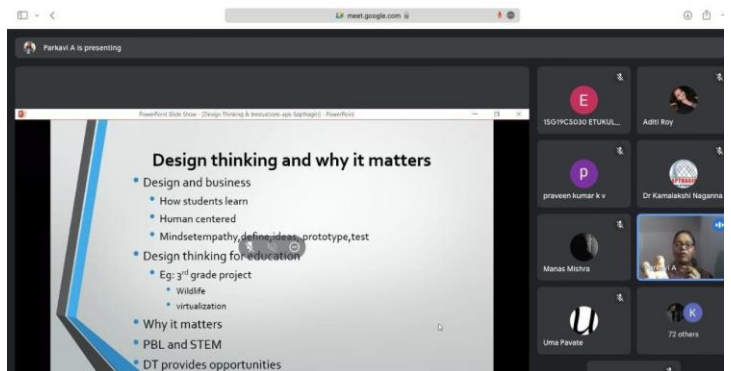
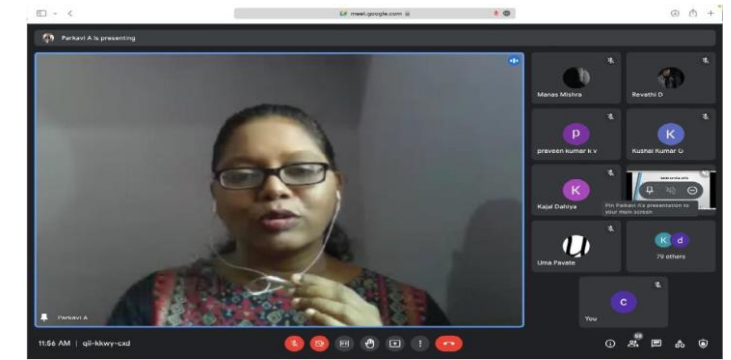
**CHIEF PATRONS**  
**Sri G. Dayanand** Chairman, SCE  
**Sri G. D. Manoj** Executive Director, SCE  
**Dr. H. Ramakrishna** Principal, SCE

**Convener:**  
**Dr. Kamalakshi Naganna**  
 Prof. & Head, CSE

**Staff Co-ordinators**  
**Prof. Chaitra N C**  
 Assistant Professor, CSE, SCE

**Student Co-ordinators**  
**Abhay Smaran Halemane** CSE, SCE  
**Sanjana Patil** CSE, SCE

link: <https://meet.google.com/qii-kkwy-cxd>



# DATA SCIENCE FOR CLOUD APPLICATION

A one day workshop was conducted on DATA SCIENCE FOR CLOUD APPLICATIONS for 6th Semester Students at Sapthagiri College of Engineering, Bangalore on 24-04-2022. This webinar on “DATA SCIENCE FOR CLOUD APPLICATIONS” aimed to provide exposure for students to enrich their knowledge on recent techniques and its application in real world.. Students were interacting throughout the session.

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**Sapthagiri College of Engineering**  
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 Accredited by NAAC with 'A' Grade- ISO 9001:2015 & 14001:2015 Certified  
 14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
 ACCREDITED BY NBA

**A WEBINAR ON**  
**"DATA SCIENCE FOR CLOUD APPLICATIONS"**  
 (In association with)

**COMPUTER SOCIETY OF INDIA STUDENT BRANCH &**  
**QUANTUM LEARNING – CENTER OF EXCELLENCE**  
 ON SUNDAY 24th APRIL 2022

**Resource Person:**  
**Mr. Karan Mehta**  
 Software Engineer, Quantum Learnings

**12:00 PM to 1:30 PM**

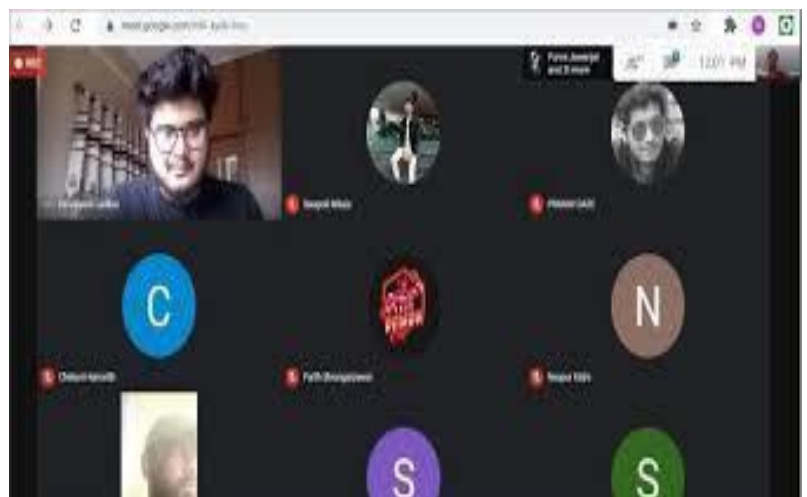
Registration Link: <https://attendee.gotowebinar.com/register/2493238496738646542>

**CHIEF PATRONS**  
**Sri G. Dayanand** Chairman, SCE  
**Sri G. D. Manoj** Executive Director, SCE

**STAFF COORDINATORS**  
**Prof. Chaitra N C** Assistant Professor  
**Prof. Anitha Rao** Assistant Professor

**Convener**  
**Dr. Kamalakshi Naganna**  
 Prof. & Head, CSE

**Dr. H. Ramakrishna** PRINCIPAL



## RECENT TRENDS IN SOFTWARE TEST AUTOMATION

The seminar was conducted for the benefits of enhancing and improving the knowledge On Recent Trends on Software Test and Automation with industry perspective for the 6<sup>TH</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 20<sup>th</sup> May 2022. The following topics were discussed in the sessions:-About Testing Pyramid, Top 10 Testing Trends- Smart Testing, Devops, AI/ML, RPA, Agile, Test Automation, API Testing, Mobile Test Automation, Big Data Testing, IoT Testing.

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(ISO 9001-2005 & ISO14001-2005 Certified Institute)  
14/5, Chikkasandra, Heasarghatta Main Road, Bengaluru-560037.  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
(Accredited by NBA)  
**Organizing Seminar on**  
"Recent trends in Software Test Automation"  
in Association with  
COMPUTER SOCIETY OF INDIA STUDENT BRANCH  
ON FRIDAY 20<sup>TH</sup> MAY 2022  
9:30 AM - 10:30 AM

**Chief Patrons:**  
Sri. G. D. Manoj  
Executive Director, SCE

**Staff Co-ordinators:**  
Prof. Kavitha B  
Assistant Professor, CS&E  
Prof. Shobha K  
Assistant Professor, CS&E

**Convener:**  
Dr. Kamalakshi Naganna  
Prof & Head, CS&E

**Student Co-ordinators:**  
Pooja N M CS&E, SCE  
Nidhi N Saltigiri CS&E, SCE

**Dr. H Ramakrishna**  
PRINCIPAL

**Sri. G. Dayanand**  
Chairman, SCE

**Maheshi Manjunath**  
Senior Test Lead at Royal Bank of Scotland,  
London



## SUCCESSFUL CAREER PLANNING, HIGHER EDUCATION AND TECHNICAL PROFILE BUILDING

Seminar was regarding "Successful Career Planning, Higher Education & Technical Profile Building". This was conducted for the benefits of the students who are going to attend the placement in forthcoming semester. The session began by welcoming the resource person. Fourth semester students Aishwarya Singh and Chandana. V hosted the program followed by the session started. Students of 6<sup>th</sup> semester got enough guidance for planning their career. Students interact with resource persons. Some of the students interacted personally to sort out the things they did not understand.

**Sapthagiri College of Engineering**  
Affiliated to VTU Belagavi, Approved by AICTE, NEW DELHI Accredited by NBA, NAAC with 'A' Grade  
(ISO 9001-2005 & ISO14001-2005 Certified Institute)  
14/5, Chikkasandra, Heasarghatta Main Road, Bengaluru-560037.  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
(Accredited by NBA)  
**Organizing Seminar on**  
"Successful Career Planning, Higher Education & Technical Profile Building"  
in Association with  
COMPUTER SOCIETY OF INDIA STUDENT BRANCH  
ON FRIDAY 27<sup>TH</sup> MAY 2022  
9:30 AM - 11:00 AM

**Chief Patrons:**  
Sri. G. D. Manoj  
Executive Director, SCE

**Staff Co-ordinators:**  
Prof. Abhishta Kamath  
Assistant Professor, CS&E

**Convener:**  
Dr. Kamalakshi Naganna  
Prof & Head, CS&E

**Student Co-ordinators:**  
Aishwarya Singh CS&E, SCE  
Chandana V CS&E, SCE

**Dr. H Ramakrishna**  
PRINCIPAL

**Sri. G. Dayanand**  
Chairman, SCE

**Mr. Nitin Ravi**  
Founding member of Careerlabs and  
Career Expert

**P. N. Santesha,**  
CEO & Founder-Careertabs





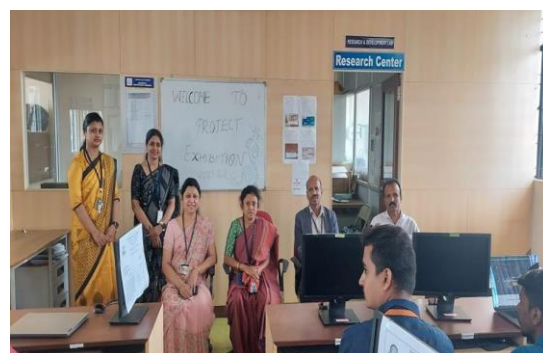
## IP MULTIMEDIA SUBSYSTEM

Alumni talk was conducted for the benefits of enhancing and improving the knowledge of **IP Multimedia Subsystem** with industry perspective for the 6<sup>TH</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 23<sup>rd</sup> JUNE 2022. The following topics were discussed in the sessions:-About **IP Multimedia Subsystem** or IMS is a standards-based architectural framework for delivering multimedia communications services such as voice, video and text messaging over IP networks. The IMS specifications were originally created by the 3<sup>rd</sup> Generation Partnership Project (3GPP) to standardize the implementation of next-generation mobile networks



## PROJECT EXHIBITION

The Department of Computer Science & Engineering organized a Project Exhibition on 27<sup>th</sup> JUNE, 2022 for students of all the 8<sup>th</sup> semester students in both A & B sections. The students attended the session. The outcome of the PROJECT EXHIBITION was that students were able to show their project at a higher level and the process boosted their confidence. The inaugural of the project exhibition witnessed the presence of Dr.H Ramakrishna, principal, SCE, along with the judges from EC department Dr.Nagraj and from IS department Prof.Perna Chaitra and also the faculties and staff members of Department of CSE, SCE Prof. Kamalakshi Naganna, HOD, CSE Department formally welcomed the principal of SCE, Dr.H Ramakrishna, principal, SCE, in his motivational address emphasized on the importance of learning new technologies and tools for the students. Prof. Kamalakshi Naganna, HOD, CSE Department, SCE, shared her valuable knowledge among the students highlighting the importance of project making



# INTERNATIONAL CONFERENCE

Department of Computer Science & Engineering is associated with all other branches of saphthagiri college of engineering, CMTI, INVEST, VOLVO organized an International conference on 24-26th June 2022. We have received 62 papers from different places. Dr. Narasimha Murthy gave the keynote address from 10.00 am to 11.30 am. 11.30 am to 4.30 pm about 25 researchers presented their papers in front of session chair Dr Asha T, Professor Dept. of CSE BIT, Bangalore and Dr. Kamalakshi Naganna Prof. & Head Dept. of CSE, SCE Bangalore along with other research scholars. Second day on 25<sup>th</sup> June about 27 students presented papers in front of session chair Dr. SHANTHARAM NAYAK Professor and Head Dept. of CSE SKIT, Bangalore and Dr. Praveen Kumar K V, Professor Dept. of CSE, SCE Bangalore. This International Conference has provided the platform to exhibit their knowledge on research and new innovative thoughts. It helps others to be aware of recent technologies and on-going research.

**Dr. M.H.Gala Subrahmanya**, Professor, IIC, Bangalore.  
**Dr. Shashi Jain**, Professor, IIC, Bangalore.  
**Dr. U. Dinesh Kumar**, Professor, IIC, Bangalore.  
**Mr. Anith Kumar**, Professor, IIMB Chair of Excellence.  
**Dr. K.S. Jayanth**, Vice President & Business Unit Head, Schneider Electric India Pvt. Ltd.  
**Dr. Anith Lukose**, Secretary - IIVEST South Zone Council.  
**Mr. Vidyadhar Salimath**, Former General Manager, ONGC, Mumbai.

**Conference Chair:**  
**Dr. H. Ramakrishna**, Principal, SCE, Bangalore.

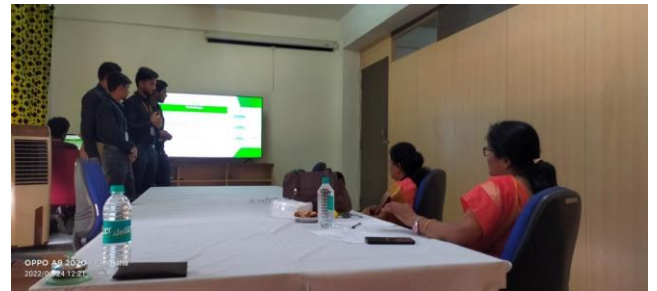
**Conference Co-Chair:**  
**Dr. Harish R**, Professor, Dept. of Physics  
**Dr. Tubidas D**, Associate Professor, Dept. of ME

**Organizing Committee**  
**Dr. H R Ranganatha**, Professor & Head, Dept. of ISE  
**Dr. Kamalakshi Naganna**, Professor & Head, Dept. of CSE  
**Dr. Narayanappa**, Professor & Head, Dept. of EEE  
**Dr. H C Sateesh Kumar**, Professor & Head, Dept. of ECE  
**Dr. P Mahadevaswamy**, Professor & Head, Dept. of ME  
**Dr. Rajeshwari R**, Associate Professor & Head, Dept. of CV  
**Dr. Veena S.More**, Professor & Head, Dept. of IT  
**Prof. Parswanath**, Professor & Head, Dept. of Mathematics  
**Dr. B S Krishna**, Professor & Head, Dept. of Chemistry  
**Dr. G V Jagadeesha Gowda**, Professor & Head, Dept. of Physics  
**Dr. Venkatesha**, Chief Librarian

**Sri Manoj, GD** Executive Director, SCE, Bangalore.  
**Dr. Karisiddappa** Vice Chancellor, VTU, Belagavi, Karnataka.  
**Dr. A.S. Deshpande** Registrar, VTU, Belagavi, Karnataka.  
**Dr. B.E. Rangaswamy** Registrar (Evaluation), VTU, Belagavi, Karnataka.

**Patrons:**  
**Dr. K.S. Venkateshappa** Administrative Officer, SIMS, Bangalore.  
**Dr. H. Ramakrishna** Principal, SCE, Bangalore.

In Association with  
 The Indian Value Engineering Society, IEI, IIE, CMTI & VTU  
 Organizing  
**International conference on**  
**"Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering: Principles and Practices"**  
**(ICGCP-2022)**  
**24<sup>th</sup> - 26<sup>th</sup> June, 2022**



# CG MINI PROJECT EXHIBITION

The Department of Computer Science & Engineering organized a Mini Project Exhibition on 18th July, 2022 for students of all the 6th semester students in both A & B sections. The students attended the session. The outcome of the PROJECT EXHIBITION was that students were able to show their project at a higher level and the process boosted their confidence. The inaugural of the project exhibition witnessed the presence of Dr.H Ramakrishna, principal, SCE, and Prof. Kamalakshi Naganna, HOD, CSE along with the faculties and staff members of Department of CSE, SCE

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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 145, Hegganahalli Main Road, Bangalore-560057

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
 (Accredited by NBA)

**"MINI PROJECT EXHIBITION"**  
**6<sup>th</sup> Sem Computer Science & Engineering Students**  
 Date: 18-07-2022 Time: 10:30 am  
 Venue: Faraday Block 201

**Chief Patrons**  
**Sri. G. Dayanand**  
 Chairman, SCE  
**Sri. G. D. Manoj**  
 Executive Director, SCE

**Staff Coordinators:**  
 Prof. Chaitanya K  
 Prof. Shashika K  
 Prof. Kavitha B  
 Prof. Sruvika B

**Student Coordinators:**  
 Mandara Reddy  
 Bejja Abhay Smaran

**Dr. Kamalakshi Naganna**  
 HOD, CSE


**Dr. H Ramakrishna**  
 Principal





## CODING AND DEBUGGING EVENT

CODING AND DEBUGGING EVENT was conducted for the benefits of enhancing and improving the knowledge On writing code and debugging the errors in the programming. This event was organized for 6<sup>th</sup>, 4<sup>th</sup> and 2<sup>nd</sup> Semester Students of the Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 5<sup>th</sup> July, 2022.



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 14/5, Hesarghatta Main Road, Bangalore-560057

# THE GAME OF CODES

ORGANIZED BY  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
 (ACCREDITED BY NBA)

MAKING AN ERROR IS SIMPLE.  
 WHY NOT TRY SOMETHING HARDER?  
 SOLVE THE BUGS IN THE C CODE



CHIEF PATRONS  
 SRI. G. DAYANAND  
 CHAIRMAN, SCE  
 SRI. G. D MANOJ  
 EXECUTIVE DIRECTOR, SCE

FACULTY COORDINATORS  
 • DR. PRAVEEN KUMAR K V  
 • PROF. SHANKAR RANA

EVENT COORDINATORS  
 1. JISHNU J  
 2. AVEEK  
 CHAKRABORTY  
 3. ARYA SINHA  
 4. ANSTIN GEORGE

VENUE:  
 ACADEMIC BLOCK  
 ROOM NO 102

LET'S JOIN

\*KEEP CALM AND DEBUG THE CODE\*



| SL.NO | FACULTY NAME          | FDP TITLE  | NO. OF DAYS | DATE (FROM-TO)           | PLACE                                       |
|-------|-----------------------|--|-------------|--------------------------|---|
| 01    | DR.KAMALAKSHI NAGANNA | DEVELOPING AND DEPLOYING SPRING BOOT MICROSERVICES ON KUBERNETES CLUSTER | 5           | 22nd to 26th August 2022 | RAMAIAH INSTITUTE OF TECHNOLOGY , BENGALURU |
| 02    | DR. PRAVEENKUMAR K V  | BEST PRACTICES FOR EFFECTIVE IMPLEMENTATION OF NEP-2021                  | 1           | 29-01-2022               | VIDYA SANSKAAR INSTITUTE OF SCIENECT        |
|       |                       | ADVANCES IN NATURAL LANGUAGE PROCESSING USING AI                         | 5           | 14-03-2022 TO 18-03-2022 | VIMAL JYOTHI ENGINEERING COLLEGE            |
|       |                       | INNOVATIVE TOOLS/TECHNIQUES TO IMPROVE QUALITY OF TEACHING LEARNING      | 3           | 07-04-2022 TO 09-04-2022 | SCE, BANGALORE                              |
| 03    | DR. LAVANYA N L       | PROGRAMMING FUNDAMENTALS USING PYTHON                                    | 5           | 17th-21st October 2022   | BENGALURU                                   |
| 04    | PROF. LATHA A         | INNOVATIVE TOOLS/TECHNIQUES TO IMPROVE QUALITY OF TEACHING LEARNING      | 3           | 07-04-2022 TO 09-04-2022 | SCE, BANGALORE                              |
| 05    | PROF. CHAITHRA        | ADVANCES IN NATURAL LANGUAGE PROCESSING USING AI                         | 5           | 14-03-2022 TO 18-03-2022 | VIMAL JYOTHI ENGINEERING COLLEGE            |
| 06    | PROF. SWETHA B N      | OBJECT ORIENTED PROGRAMMING WITH JAVA                                    | 5           | 28 nov-03 dec 22         | SJCIT                                       |
|       |                       | EY'S NEXTGEN   | 5           | 4th -                    | BENGALURU                                   |

|           |                          |   |          |                                 |   |
|-----------|--------------------------|---|----------|---------------------------------|---|
|           |                          | <b>LEARNING</b>   |          | <b>9th<br/>May</b>              |   |
|           |                          | <b>INNOVATIVE TOOLS/TECHNIQUES TO IMPROVE QUALITY OF TEACHING LEARNING</b>  | <b>3</b> | <b>07-04-2022 TO 09-04-2023</b> | <b>SCE, BANGALORE</b>                   |
|           |                          | <b>MOBILE APPLICATION DEVELOPMENT</b>                                       | <b>3</b> | <b>04-04-2022 TO 06-04-2022</b> | <b>SCE, BANGALORE</b>                   |
|           |                          | <b>TRAIN THE TRAINER PROGRAM ON CREATING MICROSITES INFOSYS SPRINGBOARD</b> | <b>4</b> | <b>24-01-2022 TO 27-01-2022</b> | <b>ONLINE</b>                           |
|           |                          | <b>FACULTY ENABLEMENT PROGRAM (FEP) ON PYTHON PROGRAMMING</b>               | <b>5</b> | <b>13-06-2022 TO 17-06-2022</b> | <b>ONLINE</b>                           |
| <b>07</b> | <b>PROF. HEMALATHA K</b> | <b>OBJECT ORIENTED PROGRAMMING WITH JAVA</b>                                | <b>6</b> | <b>28 nov-03 dec 22</b>         | <b>SJCIT</b>                            |
|           |                          | <b>AN OVERVIEW OF TEACHING TECHNIQUES IN INNOVATION AND DESIGN THINKING</b> | <b>5</b> | <b>06-12-2021 TO 10-12-2021</b> | <b>AICTE-VTU (ONLINE)</b>               |
|           |                          | <b>ADVANCES IN NATURAL LANGUAGE PROCESSING USING AI</b>                     | <b>5</b> | <b>14-03-2022 TO 18-03-2022</b> | <b>VIMAL JYOTHI ENGINEERING COLLEGE</b> |

|           |                               |  |          |                                 |                       |
|-----------|-------------------------------|--|----------|---------------------------------|-----------------------|
|           |                               | <b>INNOVATIVE TOOLS/TECHNIQUES TO IMPROVE QUALITY OF TEACHING LEARNING</b> | <b>3</b> | <b>07-04-2022 TO 09-04-2023</b> | <b>SCE, BANGALORE</b> |
| <b>08</b> | <b>PROF. VANITHA G P</b>      | <b>OBJECT ORIENTED PROGRAMMING WITH JAVA</b>                               | <b>6</b> | <b>28 NOV-03 DEC 22</b>         | <b>BENGALURU</b>      |
| <b>09</b> | <b>PROF. SHEELA RANI C M</b>  | <b>AN OVERVIEW OF TEACHING TECHNIQUES IN DATA SCIENCE AND ANALYTICS</b>    | <b>5</b> | <b>25th-29th April 2022</b>     | <b>BENGALURU</b>      |
|           |                               | <b>CYBER SECURITY AND ETHICAL HACKING</b>                                  | <b>5</b> | <b>7TH-11TH JUNE 2022</b>       | <b>BENGALURU</b>      |
| <b>10</b> | <b>PROF. RAKESH KALSHETTY</b> | <b>INTRODUCTION TO CYBER SECURITY</b>                                      | <b>5</b> | <b>22nd - 26th May</b>          | <b>BENGALURU</b>      |
| <b>11</b> | <b>PROF. AKSHATHA KAMATH</b>  | <b>INNOVATIVE TOOLS/TECHNIQUES TO IMPROVE QUALITY OF TEACHING LEARNING</b> | <b>3</b> | <b>07-04-2022 TO 09-04-2023</b> | <b>SCE, BANGALORE</b> |

|           |                            |   |          |                                 |  |
|-----------|----------------------------|---|----------|---------------------------------|--|
|           |                            | <b>TRAIN THE TRAINER PROGRAM ON CREATING MICROSITES INFOSYS SPRINGBOARD</b>     | <b>4</b> | <b>24-01-2022 TO 27-01-2022</b> | <b>SCE(ONLINE)</b>                                   |
| <b>12</b> | <b>PROF.MADHUSHREE</b>     | <b>FEATURE ENGINEERING IN DATA SCIENCES DEEP LEARNING MODELS</b>                | <b>5</b> | <b>25-08-21 TO 29-08-22</b>     | <b>GAT, BANGALORE</b>                                |
|           |                            | <b>FACULTY ENABLEMENT PROGRAM (FEP) ON AI AND ML</b>                            | <b>5</b> | <b>06-06-2022 TO 10-06-2022</b> | <b>ONLINE</b>  |
| <b>13</b> | <b>PROF. SHASHIREKHA G</b> | <b>INNOVATIVE TOOLS/TECHNIQUES TO IMPROVE QUALITY OF TEACHING LEARNING</b>      | <b>3</b> | <b>07-04-2022 TO 09-04-2022</b> | <b>SCE, BANGALORE</b>                                |
|           |                            | <b>THE ROLE OF DIGITAL TECHNOLOGY DEVELOPMENT IN MSME</b>                       | <b>1</b> | <b>17-03-2022</b>               | <b>VIDYAVARDH AKA COLLEGE OF ENGINEERING, MYSURU</b> |
|           |                            | <b>TYPES AND FUNCTIONS OF COPYWRITING</b>                                       | <b>1</b> | <b>14-03-2022</b>               | <b>VIDYAVARDH AKA COLLEGE OF ENGINEERING, MYSURU</b> |
|           |                            | <b>DEVELOPMENT OF MOTION CAPTURE TECHNOLOGY AND IMPLEMENTATION ON ANIMATION</b> | <b>1</b> | <b>16-03-2022</b>               | <b>VIDYAVARDH AKA COLLEGE OF ENGINEERING, MYSURU</b> |
|           |                            | <b>DIGITALIZATION IN LEARNING TECHNOLOGY</b>                                    | <b>1</b> | <b>15-03-2022</b>               | <b>VIDYAVARDH AKA COLLEGE OF ENGINEERING, MYSURU</b> |

| <u>SL. NO</u> | <u>FACULTY NAME</u> | <u>PAPER TITLE</u>   | <u>JOURNAL NAME</u>  | <u>DATE</u> | <u>VOLUME</u>  | <u>ISSUE</u>   |
|---------------|---------------------|--|--|-------------|--|--|
| 1             | Dr.Lavanya N L      | IMPROVING MEDICAL IMAGE PIXEL QUALITY USING MICQ UNSUPERVISED MACHINE LEARNING TECHNIQUE   | Malaysian Journal of Computer Science                        | 2022-12-06  | <a href="https://doi.org/10.22452/mjcs.sp2022no2.5">https://doi.org/10.22452/mjcs.sp2022no2.5</a>                  | Special Issue on Computing, Communication and Cyber Physical Systems |
| 2             | Dr.Lavanya N L      | Survey On Object Detection, Face Tracking, Digital Mapping and Lane Following For Remotely Piloted Aerial Systems (RPAS)                   | International Journal of Human Computations and Intelligence | April-2023  | Vol2,  | issue 2  |
| 3             | Dr.Lavanya N L      | Enhancing the Capabilities of Remotely Piloted Aerial Systems Through Object Detection, Face Tracking, Digital Mapping and Gesture Control | International Journal of Human Computations and Intelligence | May-2023    | Vol2,  | issue 3  |
| 4             | Dr.Lavanya N L      | Survey on Abnormal Event Detection and Signalling in Multiple Video Surveillance Scenes Using CNN  | International Journal of Human Computations and Intelligence | May-2023    | Vol2,  | issue 3  |
| 5             | Dr.Lavanya N L      | Abnormal Event Detection and Signaling in Multiple Video Surveillance Scenes Using CNN   | International Journal of Human Computations and Intelligence | May-2023    | Vol2,  | issue 3  |
| 6             | Bhanujyothi H C     | Survey on Virtual dressing room system using Deep Neural Networks  | IJRASET  | May-2023    | Volume 11<br><a href="https://doi.org/10.22214/ijraset.2023.51835">https://doi.org/10.22214/ijraset.2023.51835</a> | Issue V  |
| 7             | Bhanujyothi H C     | Design and developing Virtual Dressing Room using Deep Neural Networks   | IJRASET  | May-2023    | Volume 11<br><a href="https://doi.org/10.22214/ijraset.2023.51835">https://doi.org/10.22214/ijraset.2023.51835</a> | Issue V  |



|    |                       |  |  |          |  |           |
|----|-----------------------|--|--|----------|--|-----------|
|    |                       |  |  |          | <a href="https://doi.org/10.22214/ijraset.2023.51835">023.51835</a>  |           |
| 8  | Roopa Banakar         | Analysing Cryptocurrency Pump and Dump Scams   | IJRASET  | May-2023 | Volume 11<br><a href="https://doi.org/10.22214/ijraset.2023.52147">https://doi.org/10.22214/ijraset.2023.52147</a> | Issue V   |
| 9  | Roopa Banakar         | Real-Time Sign Language Recognition System for Hearing and Speech Impaired People          | IJRASET  | May-2023 | Volume 11<br><a href="https://doi.org/10.22214/ijraset.2023.52371">https://doi.org/10.22214/ijraset.2023.52371</a> | Issue V   |
| 10 | vanitha g p           | secure decentralized vehicle sharing system using block chain                              | IJRASET  | May-2023 | volume 11<br><a href="https://doi.org/10.22214/ijraset.2023.52371">https://doi.org/10.22214/ijraset.2023.52371</a> | issue V   |
| 11 | Hemalatha K           | Implementation on IoT based Traffic Management system for emergency vehicles               | IJRASET  | May 2023 | Volume 11  | issue V   |
| 12 | Shashi Rekha G        | Solar drive-in EV charging hub   | International Journal of Human Computations and Intelligence                             | May-2023 | Vol2,  | issue 3   |
| 13 | Shashi Rekha G        | Deepfake: Creation and Detection using Deep Learning                                       | International Journal for Research in Applied Science & Engineering Technology (IJRASET) | May-2023 | Volume 11  | issue V   |
| 14 | Dr. Praveen Kumar K V | Radio Resource Allocation for 5G Network Using Deep Reinforcement Learning                 | IJRASET  | Mar 2023 | Volume 11  | Issue III |
| 15 | Dr. Praveen Kumar K V | Review on Intrusive Detection to Secure Social Internet of Things in Edge Computing        | IJRASET  | Mar 2023 | Volume 11  | Issue III |
| 16 | Dr. Praveen Kumar K V | Review on Efficient Multi-Objective Optimization for the Vehicle Routing Problem with Time | IJRASET  | Apr 2023 | Volume 11  | Issue IV  |

|    |                       |   |   |            |           |         |
|----|-----------------------|---|---|------------|-----------|---------|
|    |                       | Window to Enhance Resilience  |   |            |           |         |
| 17 | Dr. Praveen Kumar K V | Review on Machine Learning for Resource Usage Cost Optimization in Cloud Computing    | IJRASET   | May 2023   | Volume 11 | Issue V |
| 18 | Dr. Praveen Kumar K V | Review on Deeply Supervised Convolutional Neural Network for Pavement Crack Detection | IJARIE  | 2023       | vol 9     | issue 2 |
| 19 | Dr. Praveen Kumar K V | Image Deblurring Using Deep Learning  | International Journal of Engineering Technology and Applied Science | April 2023 | vol 9     | issue 4 |
| 20 | vanitha g p           | secured decentralized vehicle sharing system using Block chain                        | IJRASET   | May 2023   | vol 11    | issue v |

| <u>SL.N</u><br><u>O</u> | FACULTY NAME    | PAPER TITLE   | CONFERENCE NAME                     | DATE          | PLACE  | ISSN/ISBN NO        |
|-------------------------|-----------------|---|-------------------------------------|---------------|--|---------------------|
| 1                       | Bhanujyothi H C | Stock Market Price prediction using Deep Learning Technique | International Conference-ICGCP-2023 | 5- 7 May 2023 | Sapthagiri College of Engineering, Bengaluru | ISBN:9798392 733033 |
|                         |                 |   |                                     |               |  |                     |
|                         |                 |   | International Conference-ICGCP-2023 | 5- 7 May 2023 | Sapthagiri College of Engineering, Bengaluru | ISBN:9798392 733033 |
|                         |                 |   | International Conference-ICGCP-2023 | 5- 7 May 2023 | Sapthagiri College of Engineering, Bengaluru | ISBN:9798392 733033 |
| 2                       | SHWETHA A B     | Q-learning approach for fair server selection               | International Conference-ICGCP-2023 | 5- 7 May 2023 | Sapthagiri College of Engineering, Bengaluru | ISBN:9798392 733033 |

Chief Editor : **Dr. Kamalakshi Naganna**

Sub Editor : **Prof. Madhushree**  
**Prof. Lavanya K**

Student Members : **Hemanth (4<sup>th</sup> sem)**  
**Jeevan H (4<sup>th</sup> sem)**